



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 7964

| | | | | |
|-----------------------------|---------------------------------------|--------------|------------------------|------------------------------------|
| SERIAL NUMBER 10/749,088 | FILING DATE 12/30/2003 RULE | CLASS 360 | GROUP ART UNIT 2651 | ATTORNEY DOCKET NO. TI-37007 |
|-----------------------------|---------------------------------------|--------------|------------------------|------------------------------------|

APPLICANTS

Jeremy Kuehlwein, Woodbury, MN;
 Scott Sorenson, Lakeville, MN;

** CONTINUING DATA *****
 NONE

** FOREIGN APPLICATIONS *****
 NONE

IF REQUIRED, FOREIGN FILING LICENSE GRANTED
 ** 04/29/2004

| | | | | |
|---|---------------------------|------------------------|-----------------------|----------------------------|
| Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no | STATE OR COUNTRY MN | SHEETS DRAWING 7 | TOTAL CLAIMS 20 | INDEPENDENT CLAIMS 3 |
| 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance | EXAMINER'S SIGNATURE | INITIALS | | |

Verified and
Acknowledged

ADDRESS
 23494
 TEXAS INSTRUMENTS INCORPORATED
 P O BOX 655474, M/S 3999
 DALLAS , TX
 75265

TITLE
 HARD DISK STORAGE SYSTEM INCLUDING A FIRST TRANSISTOR TYPE AND A SECOND TRANSISTOR
 TYPE WHERE A FIRST VOLTAGE LEVEL PULLS ONE OF A FIRST PAIR OF TRANSISTORS AND A
 SECOND VOLTAGE LEVEL PULLS ONE OF A SECOND PAIR OF TRANSISTORS AT SUBSTANTIALLY THE
 SAME TIME

| | | |
|------------|---|---|
| FILING FEE | FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT | <input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) |
|------------|---|---|